

[54] POSITION COORDINATE INPUT DEVICE

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[56] References Cited

U.S. PATENT DOCUMENTS

3,657,475 4/1972 Peronneau et al. 178/18
3,727,002 4/1973 Pear, Jr. 178/18
4,121,049 10/1978 Roeber 178/18
4,389,711 6/1983 Hotta et al. 364/558

4,453,609 6/1984 Griffen et al. 73/862.65

FOREIGN PATENT DOCUMENTS

100136 of 1980 Japan .
10131 of 1983 Japan .
108545 of 1983 Japan .

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[57] ABSTRACT

A position coordinate input device including an input plate subjected, at a point, to an external force with a finger, etc. so as to input data of coordinates of the point into a computer and the like. The device further includes four elastic support members for supporting the input plate, a pair of two first detectors yielding outputs of temperature characteristics of a first sign and a pair of two second detectors yielding outputs of temperature characteristics of a second sign opposite to the first sign so as to enable accurate detection of the coordinates of the point of application of the external force in a simplified construction.

12 Claims, 5 Drawing Figures

